

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1055	455/63.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L2	119	455/63.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L3	460	455/428.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L4	1130	455/562.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L5	1055	455/63.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L6	119	455/63.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L7	460	455/428.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L8	1130	455/562.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L9	917	(L5 OR L6 OR L7 OR L8) AND beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L10	454	(L5 OR L6 OR L7 OR L8) AND beam AND (downlink OR (down ADJ link))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L11	434	(L5 OR L6 OR L7 OR L8) AND beam AND (downlink OR (down ADJ link)) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L12	308	(L5 OR L6 OR L7 OR L8) AND beam AND (downlink OR (down ADJ link)) AND (antenna NEAR5 array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L13	266	(L5 OR L6 OR L7 OR L8) AND beam AND (downlink OR (down ADJ link)) AND (antenna NEAR5 array) AND (base ADJ station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L14	144	(L5 OR L6 OR L7 OR L8) AND (beam WITH (downlink OR (down ADJ link))) AND (antenna NEAR5 array) AND (base ADJ station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L15	49	(L5 OR L6 OR L7 OR L8) AND (beam WITH (downlink OR (down ADJ link))) AND (antenna NEAR5 array) AND (base ADJ station) AND null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L16	30	(L5 OR L6 OR L7 OR L8) AND (beam WITH (downlink OR (down ADJ link))) AND (antenna NEAR5 array) AND (base ADJ station) AND null AND weight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L17	1	"6041237".PN.	USPAT; USOCR	OR	ON	2006/02/01 12:14
L18	1809	arcsin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L19	51	arcsin WITH wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L20	4	arcsin WITH wavelength WITH antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L21	121	arcsin SAME wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L22	3	arcsin SAME wavelength SAME (antenna WITH (spacing OR separation OR distance))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L23	9	arcsin SAME wavelength SAME antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L24	88	arcsin WITH lambda	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L25	16	arcsin WITH lambda WITH theta	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L26	23	arcsin WITH lambda WITH (theta OR phi)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L27	7	L26 NOT L25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L28	5	bad ADJ null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L29	25	(bad ADJ null) OR (pseudo ADJ null)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L30	20	L29 NOT L28	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L31	136	(false OR fake OR unwanted) ADJ null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L32	20	((false OR fake OR unwanted) ADJ null) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L33	36	(good ADJ null)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L34	17	(good ADJ null) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L35	1707	downlink ADJ3 frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L36	975	(downlink ADJ3 frequency) WITH (uplink ADJ3 frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L37	32	(downlink ADJ3 frequency) WITH (uplink ADJ3 frequency) WITH ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L38	11	(downlink ADJ3 frequency) WITH (uplink ADJ3 frequency) WITH ratio WITH phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L39	5187	null NEAR3 (mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L40	198	null NEAR3 (mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) NEAR3 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L41	6	null NEAR3 (mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) NEAR3 ((zero OR "0") ADJ degrees)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L42	28	(null NEAR3 (mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) NEAR3 (zero OR "0")) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L43	3482	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) ADJ3 null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L44	66	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) ADJ3 null ADJ3 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L45	2	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) ADJ3 null ADJ3 ((zero OR "0") ADJ degrees)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L46	123	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) ADJ5 null ADJ5 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L47	4	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) ADJ5 null ADJ5 ((zero OR "0") ADJ degrees)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L48	2	L47 NOT L45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L49	8	((mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) ADJ5 null ADJ5 (zero OR "0")) WITH (direction OR DOA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L50	123	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4 OR redirect) ADJ5 null ADJ5 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L51	39	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4 OR redirect) ADJ5 null ADJ5 ("0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L52	3	((mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4 OR redirect) ADJ5 null ADJ5 ("0")) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L53	335913	antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L54	42	antenna AND (null WITH DOA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L55	1713	antenna AND (null WITH direction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L56	653	(antenna ADJ array) AND (null WITH direction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L57	248	(antenna ADJ array) AND (null WITH direction WITH (mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L58	8	(antenna ADJ array) AND (null WITH direction WITH (mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) WITH (zero OR "0"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L59	13355	antenna ADJ array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L60	1187	(antenna ADJ array) AND ((antenna OR element) ADJ (spacing OR distance OR separation))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L61	386	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L62	117	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength WITH half)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L63	6	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength WITH half WITH less WITH equal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L64	24	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength WITH quarter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L65	2	downlink ADJ weight ADJ generator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L66	44	(weight ADJ generator) AND (antenna ADJ array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L67	11	((weight ADJ generator) WITH downlink) AND (antenna ADJ array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L68	52	sum ADJ5 (uplink AND downlink)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L69	1	sum WITH (uplink ADJ wavelength) WITH (downlink ADJ wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L70	1	sum WITH ((uplink AND downlink) NEAR3 wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L71	1	sum WITH ((uplink AND downlink) NEAR5 wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L72	1	averag\$4 WITH ((uplink AND downlink) NEAR5 wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L73	1055	455/63.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L74	119	455/63.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L75	460	455/428.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L76	1130	455/562.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L77	1055	455/63.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L78	119	455/63.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L79	460	455/428.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L80	1130	455/562.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L81	917	(L77 OR L78 OR L79 OR L80) AND beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L82	454	(L77 OR L78 OR L79 OR L80) AND beam AND (downlink OR (down ADJ link))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L83	434	(L77 OR L78 OR L79 OR L80) AND beam AND (downlink OR (down ADJ link)) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L84	308	(L77 OR L78 OR L79 OR L80) AND beam AND (downlink OR (down ADJ link)) AND (antenna NEAR5 array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L85	266	(L77 OR L78 OR L79 OR L80) AND beam AND (downlink OR (down ADJ link)) AND (antenna NEAR5 array) AND (base ADJ station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L86	144	(L77 OR L78 OR L79 OR L80) AND (beam WITH (downlink OR (down ADJ link))) AND (antenna NEAR5 array) AND (base ADJ station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L87	49	(L77 OR L78 OR L79 OR L80) AND (beam WITH (downlink OR (down ADJ link))) AND (antenna NEAR5 array) AND (base ADJ station) AND null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L88	1809	arcsin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L89	51	arcsin WITH wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L90	121	arcsin SAME wavelength	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L91	88	arcsin WITH lambda	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L92	23	arcsin WITH lambda WITH (theta OR phi)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L93	25	(bad ADJ null) OR (pseudo ADJ null)	US-PGPIJB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L94	136	(false OR fake OR unwanted) ADJ null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L95	36	(good ADJ null)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L96	1707	downlink ADJ3 frequency	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L97	975	(downlink ADJ3 frequency) WITH (uplink ADJ3 frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L98	5187	null NEAR3 (mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L99	198	null NEAR3 (mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) NEAR3 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L100	3482	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) ADJ3 null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L101	66	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) ADJ3 null ADJ3 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L102	123	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) ADJ5 null ADJ5 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L103	4	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) ADJ5 null ADJ5 ((zero OR "0") ADJ degrees)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L104	123	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4 OR redirect) ADJ5 null ADJ5 (zero OR "0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L105	335913	antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L106	42	antenna AND (null WITH DOA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L107	1713	antenna AND (null WITH direction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L108	653	(antenna ADJ array) AND (null WITH direction)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L109	248	(antenna ADJ array) AND (null WITH direction WITH (mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L110	13355	antenna ADJ array	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L111	1187	(antenna ADJ array) AND ((antenna OR element) ADJ (spacing OR distance OR separation))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L112	386	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L113	117	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength WITH half)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L114	24	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength WITH quarter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L115	44	(weight ADJ generator) AND (antenna ADJ array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L116	52	sum ADJ5 (uplink AND downlink)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L117	1	sum WITH ((uplink AND downlink) NEAR5 wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L118	1	"6041237".PN.	USPAT; USOCR	OR	ON	2006/02/01 12:14
L119	1	sum WITH (uplink ADJ wavelength) WITH (downlink ADJ wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L120	1	sum WITH ((uplink AND downlink) NEAR3 wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L121	1	averag\$4 WITH ((uplink AND downlink) NEAR5 wavelength)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L122	30	(L77 OR L78 OR L79 OR L80) AND (beam WITH (downlink OR (down ADJ link))) AND (antenna NEAR5 array) AND (base ADJ station) AND null AND weight	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L123	4	arcsin WITH wavelength WITH antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L124	3	arcsin SAME wavelength SAME (antenna WITH (spacing OR separation OR distance))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L125	9	arcsin SAME wavelength SAME antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L126	16	arcsin WITH lambda WITH theta	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L127	7	L92 NOT L126	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L128	5	bad ADJ null	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L129	20	L93 NOT L128	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L130	20	((false OR fake OR unwanted) ADJ null) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L131	17	(good ADJ null) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L132	32	(downlink ADJ3 frequency) WITH (uplink ADJ3 frequency) WITH ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L133	11	(downlink ADJ3 frequency) WITH (uplink ADJ3 frequency) WITH ratio WITH phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L134	6	null NEAR3 (mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) NEAR3 ((zero OR "0") ADJ degrees)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L135	28	(null NEAR3 (mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) NEAR3 (zero OR "0")) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L136	2	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) ADJ3 null ADJ3 ((zero OR "0") ADJ degrees)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L137	2	L103 NOT L136	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L138	8	((mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) ADJ5 null ADJ5 (zero OR "0")) WITH (direction OR DOA)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L139	39	(mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4 OR redirect) ADJ5 null ADJ5 ("0")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14

L140	3	((mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4 OR redirect) ADJ5 null ADJ5 ("0")) AND antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L141	8	(antenna ADJ array) AND (null WITH direction WITH (mov\$4 OR reset\$4 OR steer\$4 OR shift\$4 OR plac\$4) WITH (zero OR "0"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L142	6	(antenna ADJ array) AND (((antenna OR element) ADJ (spacing OR distance OR separation)) WITH wavelength WITH half WITH less WITH equal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L143	2	downlink ADJ weight ADJ generator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L144	11	((weight ADJ generator) WITH downlink) AND (antenna ADJ array)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 12:14
L149	1	09/922442	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 13:45
L150	364810	((antenna or array or element) near5 (spac\$3 or separation or distance or delta))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 13:56
L151	36	(null near3 wrap\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 14:04
L152	91	(wavelength near3 uplink)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 14:06
L153	89	(wavelength near3 downlink)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 14:06

L154	2	L150 with L152 with L153	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 14:09
L155	1593	(342/368.ccls. or 342/372.ccls. or 342/373.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 16:13
L156	270	(342/368.ccls. or 342/372.ccls. or 342/373.ccls.) and null and beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 16:13
L157	10	(342/368.ccls. or 342/372.ccls. or 342/373.ccls.) and null and beam and (fdd or (frequency adj division adj duplex))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/01 16:13